



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

Ship 16 Oct

SWA3-3

Job Sheet 181832



005048

Part No: SWA3-3

Job Qty: 1 ea

Part Name: Electric Swivel 3,000 lb Safe Work Load (1,360 Kg)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 8/9/18

Job Tracking No:

Due Date: 10/16/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG SWA3-3 Rev 3 IPP Rev A 18.02.13 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea	10/16/18	10/16/18	0.00	0.00	Start Up Small Fab-2		7.10 7.10 7.10 7.10
110	Small Fab	1 pcs	10/16/18	10/16/18	0.00	2.00	Small Fab-6		
120	QC	1 pcs	10/16/18	10/16/18	0.00	0.00	QC5		
125	DC	1 pcs	10/16/18	10/16/18	0.00	0.00	DC		
130	Packaging	1 pcs	10/16/18	10/16/18	0.00	0.00	Packaging3		SB SEP 13 2018
140	QC21-FG	1 Ea	10/16/18	10/16/18	0.00	0.00	QC21		

Part Op 110 - Assemble as per DWG. Sheet 1 ***All assembly to be done in accordance with SWA3 swivel manual*** Engrave Descriptions: T/N And / or S/N number as required Using Marktronic engraver as per DWG. Laser engrave dart logo as per DWG.

125 - Photocopy blue file OM & OOPM-SWA3A Rev3

130 - Bag and tag

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-832-1/4	Set Screw	1 Ea (1 ea)	90-Start up Operation	5027241
92210A303	Flat Socket Cap Screw	4 pcs (4 ea)	110-Small Fab	5083914
EL-PLUG-F	3-Prong Female Spade Plug	1 Ea (1 ea)	110-Small Fab	5079983
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	110-Small Fab	5097998
EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge	6 ft (6 ea)	110-Small Fab	5047767
SWA3-100P	Upper End - Swa3 Swivel	1 Ea (1 ea)	110-Small Fab	5029397
SWA3-200	Lower End	1 Ea (1 ea)	110-Small Fab	5100151
SWA3-300	Wire Clamp	2 Ea (2 ea)	110-Small Fab	5095875
SWA3-400	Button Head Screw	2 Ea (2 ea)	110-Small Fab	5048013
SWA3-500B	Contact Spacer	1 Ea (1 ea)	110-Small Fab	5029402
SWA3-600B	O-Ring	1 Ea (1 ea)	110-Small Fab	5097844
SWA3-700	9529K15 Bearing Balls - 1/4"	32 Ea (32 ea)	110-Small Fab	5093350
SWA6A-1900	1/4" Female Spade Connector	6 Ea (6 ea)	110-Small Fab	5073060
SWA6A-900B	Rotary Connector - 3 wire	1 Ea (1 ea)	110-Small Fab	5084056

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	188-FPSS-832-1/4	1	48	0
110-Small Fab	92210A303	4	120	0
	EL-PLUG-F	1	46	0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

EL-PLUG-M	1	122	0
EL314-SJTOW	6	155	0
SWA3-100	1	0	0
SWA3-200	1	10	0
SWA3-300	2	37	0
SWA3-400	2	26	0
SWA3-500B	1	0	0
SWA3-600	1	21	0
SWA3-700	32	1,088	0
SWA6A-1900	6	710	0
SWA6A-900B	1	15	0

Part Specifications

Specifications could not be found.

Plex 8/9/18 1:27 PM Dart.lajeunesse.marie

DART
AEROSPACE

Container No: S103457



Part: SWA3-3

Job No: 181832

Serial No/Batch: S103457

Revision: 3

Inspector:

Exp Date:

Instructions:

1474 PLEXUS MODEL
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 09/06/18

Grease Aeroshel
Silicone GE
Loctite 242

m138724
m138942
m138766

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

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OTHER : ☐																					

Work Order 181832Customer 8602Number of Wires 3Date 12/09/18Serial Number S103457

Number of Cycles	Load (Lbs.)	Action	Pass/Fail
1	3,000	Check for Conductivity against all wires.	- Pass
1	3,000	Check all wires for grounding against swivel body.	- Pass
1	1,500	Check for Conductivity against all wires.	- Pass
1	1,500	Check all wires for grounding against swivel body.	- Pass
1	750	Check for Conductivity against all wires.	- Pass
1	750	Check all wires for grounding against swivel body.	- Pass
1	0	Check for Conductivity against all wires.	- Pass
1	0	Check all wires for grounding against swivel body.	- Pass

Test Conducted By: Francis Lacroix
TechnicianSignature: Sylvie Sander
QC 5 Small FAB / QA